Table S5. Proportion of resistance in *Enterococcus* spp*./ Streptococcus* spp*.* isolated from fecal samples of California dairy cows in different regions of CA over winter cohort.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Antimicrobial class | Antimicrobial drug | **Northern CA** | **Northern San Joaquin Valley** | **Greater Southern CA** |
| % ± SE | 95% CI | % | 95% CI | % | 95% CI |
| Penicillins | Ampicillin | 0.89 ± 0.51 | 0.28, 2.75 | 0.00 ± 0.00 | 0 | 0.19 ± 0.19 | 0.02, 1.39 |
| Penicillin | 0.89 ± 0.51 | 0.28, 2.75 | 0.00 ± 0.00 | 0 | 0.00 ± 0.00 | 0 |
| Tetracyclines | Tetracycline | 17.36 ± 2.10 | 13.66, 21.82 | 6.13 ± 1.65 | 3.58, 10.29 | 11.10 ± 1.39 | 8.61, 14.11 |
| Pleuromutilins | Tiamulin | 16.46 ± 2.03 | 12.85, 20.85 | 47.64 ± 3.43 | 40.97, 54.39 | 41.30 ± 2.19 | 37.10, 45.65 |
| Macrolides | Gamithromycin | 5.38 ± 1.23 | 3.41, 8.40 | 18.39 ± 2.66 | 13.72, 24.21 | 10.47 ± 1.36 | 8.10, 13.46 |
| Tilmicosin | 23.95 ± 2.33 | 19.66, 28.83 | 50.23 ± 3.45 | 43.50, 56.96 | 41.69 ± 2.20 | 37.46, 46.05 |
| Tildipirosin | 23.95 ± 2.33 | 19.66, 28.83 | 53.30 ± 3.43 | 46.54, 59.94 | 44.86 ± 2.21 | 40.56, 49.23 |
| Tulathromycin | 0.59 ± 0.42 | 0.14, 2.37 | 14.15 ± 2.39 | 10.10, 19.54 | 6.71 ± 1.11 | 4.83, 9.26 |
| Tylosin | 1.49 ± 0.66 | 0.62, 3.54 | 8.96 ± 1.96 | 5.78, 13.64 | 2.96 ± 0.75 | 1.79, 4.86 |
| Amphenicols | Florfenicol | 21.55 ± 2.25 | 17.46, 26.30 | 53.77 ± 3.43 | 47.01, 60.40 | 44.26 ± 2.21 | 39.98, 48.63 |